

Office statement " Magrid discloses the claimed invention except for a second layer on the opposite of the first layer which formed separate areas on the pad surface. It would have been obvious to one having ordinary skill in the art at the time the invention was made to place individual sheets of plastic on the opposite side of the central layer which are sealed to the central layer to form inflatable areas having their own valve control on the surface of the article, since it has been held that mere duplication of the essential working parts of an article involves only routine skill in the art." Magrid 's invention more closely resembles Jaszai or Soroka if designed as a impact resistant wrapping packing system. Just adding a second layer of film on the opposite of the first layer, would not provide a high profile void fill pad with four separate zones each containing connected coned shaped air chambers designed specifically to be high impact protection for void fill applications. Adding that second film with multiple valved chambers would make this a very costly void program and would more closely relate to Jaszai meant to wrap an article.

Ms. Nordmeyer I hope my confusion in the last Office Summary statements made some sense.

Finally in your conclusion

" The prior art made of record and not relied upon is considered pertinent to applicant's disclosed. U.S. Patent No. 4,465,188 to Soroka et al is cited to show the state of the art."

In this statement I understood your direction to hold my invention out as void fill , where Mr. Soroka writes in his abstract "there is provided a light weight, simple and inexpensive , inflatable packaging structure in which an inflatable inner liner attached within an outer envelope comprises two inflatable zones each incorporating a plurality of inflatable cells with the cells of one of the zones alternating with the cells of the other zone. Thus with the inner liner inflated and the fragile or delicate articles disposed between two superposed layers of the liner the article is still substantially protected by the inflated cells of the zones even if the other zone is punctured." This I understand to be an impact resistant wrapping system, since the article is placed inside and inflated envelop similar to that described in Jaszai's figures 16, 23 and 24 all of whose low profile is suitable for an article wrap but not suitable for the larger volumes required of void fill . My invention is not designed to wrap a pad around an article but to be placed around an article already wrapped with Jaszai and Soroka wrapping system or the current bubble wrap system mine is to prevent that wrapped article from moving around in its shipping box.. Mr. Soroka's invention can not be inflated when constructed, because it requires the article to be placed inside before inflation, Mr. Soroka, Mr.Jaszai and Mr. Magid all have and require valves or taps structures that are separate from the main film body, requiring additional cost in producing such valve structures and additional cost in producing each pad because of the insertion and sealing of these valve structures. My invention is designed to be inflated when it is created and has no valve structures added as separate units to the main film. As void fill it can be used to support many different sized and shaped articles in a carton, wrapping systems, like Soroka, Jaszai and even if Magid is



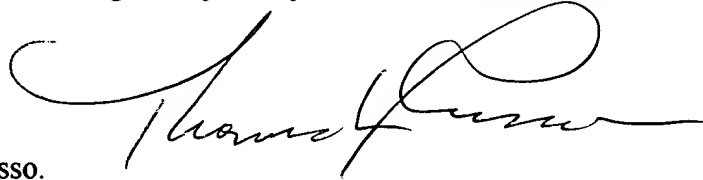
used as a wrapping system will have a defined limit to the size and shape article they can accommodate.

Ms. Nordmeyer , thank you for your patience this was a long review , but I wanted to make sure I did not miss any of your directions.

I am also enclosing several sheets ( Four Marketing Cards) describing the invention with a more graphic approach that I am using to describe my invention. I hope it will help give a more complete picture of the invention's unique properties.

Thank you for your time and your efforts,  
Looking forward to hearing from you at your earliest convenience.  
Sincerely,

Thomas Louis Russo.



1/27/03

Enclosed:

- 1 – copy of a marked claims showing revised text in a brick color and text to be eliminated in parentheses in a blue color. There are 2 actual sheets
- 2- Clean copy of the revised claims. There are 2 actual sheets
- 3- This thirteen page review of the requests in the Office Action Mailed Nov 5 2002.
- 4- Four Marketing cards that use a graphic format for explaining pad features
- 5- Return Post card outlining all of the parts of this mailing , so that we may know that you received the complete package.
- 6- Certificate of Mailing under 37 CFR 1.8

Would it possible for you to call me at 802-775-5242 when you receive this mailing, I would like to know if I have done the right things to get my invention accepted for a US Patent.

*Moschke up*



Claims

**What is claimed is:**

- 5
1. An impact- resistant inflatable reusable two zoned packing pad for protecting articles during shipping from shock and damage, said packing pad comprising first and second outer film layers, said first and second film layers being secured together along an outer perimeter thereof to define an inner volume within said pad and,
- 10
- said first and said second film layers within said inner volume in a location selected to form at least two separate zones within said inner pad volume, and each said zone may be further broken down into a plurality of inflatable chambers, wherein said chambers are conical shaped providing a high volume profile with added zoned impact security said pad further comprising at least one entry/exit portal tube passageway for each separate zone within said pad (said pad further comprising said entry/exit portal tube passageway for each separate zone configured) (and adapted) to permit repeated independent inflation and deflation of each said zone.
- 15
- 20
2. The system of claim 1, wherein each said zone is comprised of a plurality of inflatable conical shaped chambers configured (and adapted) to redistribute an inflation gas contained therein from one or more conical shaped chambers compressed by and external impact to at least one contiguous conical shaped chamber which is not impacted.
- 25
3. The system of claim 2 , wherein said conical shaped chambers maximize pad height for impact protection, said pad height respective of available chamber height (pad surface area and are

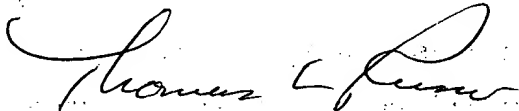
**Marked Up Version of Original Claims**

**Claim lines removed are in parentheses and are in blue type  
( Removed Text)**

**Text pulled from body of patent application to help improve claim explanation are  
in brick color type. Text to help clarify claim description.**

**Please accept these revisions if they will help clarify my invention application  
claims.**

**Thank you**



**Thomas L Russo**

---

**Date**

**1/27/03**

substantially conical in shape), determined by base width of conical chambers provided.

4. An impact- resistant inflatable reusable four zoned packing pad for protecting articles during shipping from shock and damage, said packing pad comprising first and second outer film layers with a complete central film layer, said first and second film layers being secured to the central film layer along an outer perimeter thereof to define an inner volume within said pad and , said first and said second film layers within said inner volume in a location selected to form at least four separate zones within said inner pad volume, and each said zone may be further broken down into a plurality of inflatable chambers, wherein said chambers are conical shaped providing a high volume profile with added zoned impact security said pad further comprising at least one entry/exit portal tube passageway for each separate zone within said pad (said pad further comprising said entry/exit portal tube passageway for each separate zone configured and adapted) to permit repeated independent inflation and deflation of each said zone.

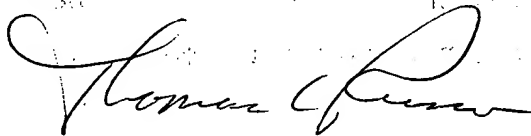
**Marked Up Version of Original Claims**

Claim lines removed are in parentheses and are in blue type  
( Removed Text)

Text pulled from body of patent application to help improve claim explanation are  
in brick color type. Text to help clarify claim description.

Please accept these revisions if they will help clarify my invention application  
claims.

Thank you



Thomas L Russo

Date

1/27/03